

Appln. No. 10/807,088

Attorney Docket No. 10543-069

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SEP 20 2007

II. Amendments to the Specification

Please replace paragraph [0002] with the following amended paragraph:

[0002] Dynamic control systems have been recently introduced in automotive vehicles for measuring the body states of the vehicle and controlling the dynamics of the vehicle based on the measured body states. For example, certain dynamic stability control systems ~~[[know]]~~ known broadly as control systems compare the desired direction of the vehicle based on the steering wheel angle, the direction of travel and other inputs, and control the yaw of the vehicle by controlling the braking effort at the various wheels of the vehicle. By regulating the amount of braking torque applied to each wheel, the desired direction of travel may be maintained. Commercial examples of such systems are known as dynamic stability program (DSP) or electronic stability program (ESP) systems.

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